



NITFS Compliance Registration



Product: CIP V 6.8d with AIP imagery

Sponsor: USAF CIP Program Office

Developer: Northrop Grumman Corporation

Date: 07 July 2008

Expiration: 08 July 2010

Registration #: 1029

☒ Initial Registration
☐ Supplemental/Update # _____
☐ Derived from Reg. # _____

☒ **System**
N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Format

- NITF**
☒ V2.1
☐ V2.0
☐ V1.1
NSIF
☒ V1.0

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLAY
☐ POLAR

Data Extension Segments

- ☒ PRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ GSDE
☒ CHIPB
☒ ITXFIL

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Annotation Segment Types

- ☐ Bit Mapped **
☐ CCM, 2301
☐ CCM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ TT1
☐ U8S
☐ MTF

Legend
Interpret: ☒ Fully implemented/supported
Generate: ☒ Partially implemented/supported
☐ Not implemented/supported

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division
Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.